

Title (en)

BINDING ACTIVITY OF AMINOACYL-tRNA SYNTHETASE IN CHARCOT-MARIE-TOOTH (CMT) NEUROPATHY AND CMT-RELATED NEUROLOGICAL DISEASES

Title (de)

BINDUNGSAKTIVITÄT VON AMINOACYL-TRNA-SYNTHETASE BEI CHARCOT-MARIE-ZAHN(CMT)-NEUROPATHIE UND CMT-VERWANDTEN NEUROLOGISCHEN ERKRANKUNGEN

Title (fr)

ACTIVITÉ DE LIAISON DE L'AMINOACYL-ARNT SYNTHÉTASE DANS LA NEUROPATHIE DE CHARCOT MARIE TOOTH (CMT) ET LES MALADIES NEUROLOGIQUES AFFÉRENTES À LA MALADIE DE CMT

Publication

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Application

**EP 16856214 A 20161013**

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Abstract (en)

[origin: WO2017066482A1] Methods, compositions and kits for detecting mutated aminoacyl tRNA synthetase (aaRS) in biological samples from a subject suspect of having or suffering from a Charcot-Marie-Tooth (CMT) disease or a CMT-related disease are disclosed herein. In some embodiments, the methods include determining the amount of mutated aaRS bound to Neuropilin 1 (Nrp1). In some embodiments, methods include detection of endogenous vascular endothelial growth factor (VEGF) bound to Nrp1. Also disclosed are methods, compositions and kits for the diagnosis of a CMT or a CMT-related disease through the detection of VEGF and/or mutated aaRS in a subject.

IPC 8 full level

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Citation (search report)

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